

FAMILY LIST

**SOUND SOURCE VECTOR GENERATOR, VOICE  
ENCODER, AND VOICE DECODER**

Patent

Number: ☐ EP0883107

Publication

date: 1998-12-09

Inventor(s):

EHARA HIROYUKI (JP); MORII TOSHIYUKI (JP);  
WATANABE TAISUKE (JP); YASUNAGA KAZUTOSHI  
(JP)

Applicant(s):

MATSUSHITA ELECTRIC IND CO LTD (JP)

Requested

Patent:

☒ US6453288

Application

Number:

EP19970911460 19971106

Priority

Number(s):

WO1997JP04033 19971106; JP19960294738 19961107;  
JP19960310324 19961121; JP19970034582 19970219;  
JP19970034583 19970219

IPC

Classification: G10L9/14; G10L9/18

EC

Classification: G10L19/12

Equivalents:


AU4884297, CA2242345, CN1338722, CN1338723,  
CN1338724, CN1338725, CN1338726, CN1338727,  
DE69708693D, DE69708693T, DE69708696D,  
DE69708696T, DE69708697D, DE69708697T,  
DE69710505D, DE69710505T, DE69710794D,  
DE69710794T, DE69711715D, DE69711715T,  
DE69712535D, DE69712535T, DE69712537D,  
DE69712537T, DE69712538D, DE69712538T,  
DE69712539D, DE69712539T, DE69712927D,  
DE69712927T, DE69712928D, DE69712928T,  
DE69713633D, DE69713633T, DE69715478D,  
DE69715478T, DE69721595D, DE69721595T,  
DE69723324D, DE69723324T, ☐ US6330534,  
☐ WO9820483

Cited patent

(s):

EP0488751; US5428561; US4797925; EP0680032

**Abstract**

A random code vector reading section and a random codebook of a conventional CELP type speech coder/decoder are respectively replaced with an oscillator for outputting different vector streams in accordance with values of input seeds, and a seed storage section for storing a plurality of seeds . This makes it unnecessary to store fixed vectors as they are in a fixed codebook (ROM), thereby considerably reducing the memory capacity. 

---

Data supplied from the **esp@cenet** database - I2